

**PRODUCT INFORMATION SHEET**
**Arlon Product Number** 19220R020  
**Customer Part Number**
**PRODUCT DESCRIPTION**
**Design / Construction**
**Interleave 1:** 1.5 mil PE  
**Side 1:** Uncured silicone rubber  
**Substrate:** 1523 Style Fiberglass

**Rubber Add-On Thickness**
**Side 1:**  
**Overall Thickness:**
**Value**

6 mil  
21 mil

**Method**

Arlon SQA-TMS-003  
Arlon SQA-TMS-003

**Product Color :** Red

**PHYSICAL PROPERTIES**
**Silicone Compound Physical Properties**

	<b>Value</b>	<b>Method</b>
<b>Tensile Strength</b> psi	880	ASTM D 412
<b>Elongation</b> %	480	ASTM D 412
<b>Durometer</b> Shore A Points	50	ASTM D 2240
<b>Specific Gravity</b> ---	1.2	Arlon SQA-TMS-024

**Substrate Physical Properties**

	<b>Value</b>	<b>Method</b>
<b>Thickness</b>	21 mil	Arlon SQA-TMS-003

**Product Physical Properties**

	<b>Value</b>	<b>Method</b>
<b>Dielectric Strength</b> volts/mil	380	ASTM D 149
<b>Bond Strength</b> lb/in	8.3	ASTM D 624
<b>Flame / glow</b> s	7	FTMS 191A, Method 5903
<b>Char length</b> in	1.3	FTMS 191A, Method 5903
<b>Total Product Weight</b> oz/yd <sup>2</sup>	22	Arlon SQA-TMS-025

**PROCESSING RECOMMENDATIONS**
**Product Shelf Life** 6 months from DOM @ 75°F

*Note: Shelf life is defined as the duration of time for which the product will meet the physical characteristics outlined on this page. It does not guarantee the product's usefulness in all applications.*

**Recommended Cure Cycle** 15 minutes @350°F; 50 PSI

**Recommended Postcure Cycle** 400°F for 2 hours

**Product Operating Temperature** -70°F to 450°F

*The data presented in this document represent typical values for the production material. The data should not be used to write, or in place of, material specifications.*

Last Revised May 8, 2016.